AMENDMENT TO THE CLAIMS

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

We Claim:

1.   (currently amended) A method for minimizing the access delay in a wireless communication system including at least a base station system and at least a mobile terminal having ~~a~~ communication ~~context~~ capability with ~~the~~ a fixed part of ~~the~~ a wireless communication system and being adapted to open a communication ~~context~~ with ~~the~~ a radio access network of ~~said~~ the base station system so as to initiate a Temporary Block Flow ~~or TBF~~ establishment each time data packets are ~~has~~ to be transmited ~~data packets~~ to the radio access network and the Temporary Block Flow~~TBF~~ being released when the transmission of the packet has been completed, comprising the steps of:

- requesting ~~said~~ Temporary Block Flow~~TBF~~ establishment ~~being requested~~ by means of a Radio Link Control message ~~or RLC called Packet Channel Request or PCR~~ sent on one of ~~the~~ a Control Channel of the radio access and ~~in particular on the~~ Packet Random Access Channel ~~or PRACH~~;

- sending the ~~said~~ Radio Link Control~~PCR~~ message ~~being sent~~ on a TDMA slot of the Packet Random Access Channel~~PRACH~~ channel;

- organizing ~~and~~ the Packet Random Access Channel~~PRACH~~ ~~being organized~~ on a predetermined number of TDMA slots in ~~the~~ a multiframe;

- grouping ~~and being~~ the TDMA slots ~~of PRACH channel grouped~~ by four to form a Packet Random Access Channel~~PRACH~~ block~~,~~; and

- ~~wherein~~ when the mobile terminal has at least a packet to transmit, it sends a ~~PCR~~ Packet Channel Request message on the Packet Random Access Channel~~PRACH~~ and ~~said~~ the Packet Channel Request~~PCR~~ message ~~being~~ is transmitted in a TDMA slot randomly selected among the TDMA slots that compose ~~the~~ a first PRACH block.

2.   (currently amended) The method of claim 1, wherein said the wireless communication system is a GPRS system.

3.   (currently amended) The method of claim 2, wherein said the a GPRS system is equipped with GERAN radio access.

4.   (currently amended) The method of claim 1, wherein said the wireless communication system, is a 3GPP system.